

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A transmitting-receiving station for use in radio wave diversity comprising:

two antennas having a predetermined distance therebetween; ~~for use of space diversity,~~
a distributor-composer;
~~and a transceiver; further comprising: and~~
at least one ~~of~~ prefixed adjusters supplied between ~~any~~ a first one of said two antennas and said distributor-composer for, manually adjusting and fixing at least one of a each two values ~~of~~ phases, levels, ~~and or~~ delay times of ~~at the signals dependent of said two antennas respectively~~ from or to the first one of said two antennas so as to be within a predetermined range of a phase, level or delay time of a signal from or to a second one of said two antennas made the same value ~~each other on a connecting point of said distributor composer.~~

2. (currently amended): A transmitting-receiving station for use in radio wave diversity, comprising:

two antennas having a predetermined distance therebetween ~~for use of space diversity;~~

a distributor-composer connecteding to said two antennas ~~on one side~~, for distributing a signal ~~to be transmitted from said~~ a transceiver, and for composing ~~two signals to be received~~ from said two antennas;

a transceiver connected to a distributor-composer; and

at least one ~~of~~ prefixed adjusters disposed between ~~supplied and with any~~ a first one of said two antennas and said distributor-composer for, manually adjusting and fixing at least one of a each two phases, levels, ~~and or~~ or delay times of ~~the~~ signal from or to the first one of said two antennas ~~dependent of the two antennas respectively~~ so as to be within a predetermined range of a phase, level or delay time of a signal from or to a second one of said antennas, ~~made the same value each other on a connecting point of said distributor composer; and~~

~~a transceiver connecting to the other side of said distributor composer.~~

3. (currently amended): The transmitting-receiving station according to claim 2, wherein said at least one prefixed adjuster comprises a phase prefixed-adjuster, a level prefixed-adjuster, and a delayed prefixed-adjuster serially connected.

4. (currently amended): ~~The~~ A transmitting-receiving station according to claim 3, wherein said phase prefixed-adjuster has an adjustable construction ~~being adjustable by~~ for ~~slightly moving a position of said first one of said two antennas connectinged thereto towards or away from front and rear in a direction of the radio transmission direction of a signal source, and performs an adjusting to the same phases each other~~

5. (currently amended): ~~The~~A transmitting-receiving station according to claim 3, wherein said level prefixed-adjuster comprises a plurality of fixed attenuators being set to a level selection.

6. (currently amended): ~~The~~A transmitting-receiving station according to claim 3, wherein said delayed prefixed-adjuster comprises a plurality of fixed delay elements being set to a level selection.

7. (currently amended): ~~A~~~~The~~ transmitting-receiving station according to claim 3, wherein said phase prefixed-adjuster adjusts the phases of said signal from or to said first one of said two antennas to the same value as the phase of the signal from or to said second one of said two antennas by a fine control, said level prefixed-adjuster adjusts ~~a~~the level of said signal from or to said first one of said two antennas to a difference-level value within 10dB of the signal from or to said second one of said two antennas, and said delayed prefixed-adjuster adjusts a delay time of said signal from or to said first one of said two antennas to a difference delay time value within 1.01ns of said signal from or to said second one of said two antennas.

8. (new): A transmitting-receiving station for use in radio wave diversity comprising:

a first antenna for receiving and transmitting a first signal;

a second antenna for receiving and transmitting a second signal and which is separated from the first antenna by a predetermined distance;

a distributor-composer connected to the first and second antennas;

a transceiver connected to the distributor-composer; and

at least one prefixed adjuster supplied between the first antenna and the distributor-composer,

wherein the prefixed adjuster is configured to adjust and hold at least one of a phase, level or time delay of the first signal so that said at least one of a phase, level or delay time is within a predetermined range of a phase, level or delay time of the second signal.

9. (new): The transmitting-receiving station according to claim 8, wherein the at least one prefixed adjuster comprises a phase prefixed-adjuster, a level prefixed-adjuster and a delayed prefixed-adjuster serially connected.

10. (new): The transmitting-receiving station according to claim 9, wherein said phase prefixed-adjuster has an adjustable construction for moving a position of said first one of said two antennas connected thereto towards or away from a transmission direction of a signal.

11. (new): The transmitting-receiving station according to claim 9, wherein said level prefixed-adjuster comprises a plurality of fixed attenuators being set to a level selection.

12. (new): The transmitting-receiving station according to claim 9, wherein said delayed prefixed-adjuster comprises a plurality of fixed delay elements being set to a level selection.

13. (new): The transmitting-receiving station according to claim 3, wherein said phase prefixed-adjuster adjusts the phase of said signal from or to said first one of said two antennas to the same value as the phase of the signal from or to said second one of said two antennas by a fine control, said level prefixed-adjuster adjusts the level of said signal from or to said first one of said two antennas to a level value within 10dB of the signal from or to said second one of said two antennas, and said delayed prefixed-adjuster adjusts a delay time of said signal from or to said first one of said two antennas to a delay time value within 1.01ns of said signal from or to said second one of said two antennas.

14. (new): A method for transmitting or receiving signals, the method comprising:
receiving a first signal at a first antenna;
receiving a second signal at a second antenna;
adjusting and holding a phase, level and delay time of the first signal to produce a third signal;
composing the second signal and the third signal into a fourth signal,

wherein the phase is adjusted and held by a phase prefixed-adjustor, the level is adjusted and held by a level prefixed-adjustor, and the delay time is adjusted by a delayed prefixed-adjustor, and

wherein the phase prefixed-adjustor, the level prefixed-adjustor and the delayed prefixed-adjustor being serially connected.

15. (new): The method according to claim 14, wherein said phase prefixed-adjustor has an adjustable construction for moving a position of said first antennas connected thereto towards or away from a transmission direction of a signal.

16. (new): The transmitting-receiving station according to claim 15, wherein said level prefixed-adjustor comprises a plurality of fixed attenuators being set to a level selection.

17. (new): The transmitting-receiving station according to claim 15, wherein said delayed prefixed-adjustor comprises a plurality of fixed delay elements being set to a level selection.

18. (new): The transmitting-receiving station according to claim 15, wherein said phase prefixed-adjustor adjusts the phase of a signal received from said first antenna to the same value as the phase of the signal received from said second antenna by a fine control, said level prefixed-adjustor adjusts the level of said signal received from said first antenna to a level value

within 10dB of the signal received from said second antenna, and said delayed prefixed-adjuster adjusts a delay time of said signal received from said first antenna to a delay time value within 1.01ns of said signal received from said second antenna.